



EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
an	C18	Enami: Effects of Phenyl N-tert-Butyl Nitro and its Derivatives on Hepatocarcinogenesis in Rats Fed a Choline-Deficient, L-Amino Acid-Defined Diet, <i>Journal of Nara Medical Association</i> , Vol. 51, No. 6, pp. 468-482 (2000)
an	C19	Erecinska: Stimulation of the NA+/K+ Pump Activity During Electrogenic Uptake of Acidic Amino Acid Transmitters by Rat Brain Synaptosomes, <i>Journal of Neurochemistry</i> , Vol. 52, pp. 135-9 (1989)
an	C20	Farombi et al.: Antioxidant activity of palm oil carotenes in peroxy radical-mediated peroxidation of phosphatidyl choline liposomes, <i>Redox Report</i> , Vol. 4, No. 1/2, pp. 61-68 (1999)
an	C21	Farombi et al.: Antioxidant activity of palm oil carotenes in organic solution: effects of structure and chemical reactivity, <i>Food Chemistry</i> , Vol. 64, No. 3, pp. 315-21 (1999)
an	C22	Farombi et al.: Evaluation of the Antioxidant activity and partial characterisation of extracts from browned yam flour diet, <i>Food Research International</i> , Vol. 33, No. 6, pp. 493-99 (2000)
an	C23	Fiedler et al.: Die Wirkung von Cholinchlorid auf den O2-Gehalt des arteriellen Blutes bei Lebererkrankungen, <i>Dtsch. Zeitschr. F. Verdauungs- i. Stoffwechselkrankheiten</i> , Vol. 26, pp. 79-84 (1966)
an	C24	Kaul et al.: Plant Polyphenols Inhibit Benzoyl Peroxide-Induced Superoxide Anion Radical Production and Diacylglyceride Formation in Murine Peritoneal Macrophages, <i>Nutrition and Cancer</i> , Vol. 35, No. 2, pp. 207-211 (1999)
an	C25	Nakae et al.: Preventive Effects of Various Antioxidants on Endogenous Liver Carcinogenesis in Rats Fed a Choline-Deficient, L-Amino Acid-Defined Diet, <i>Food Factors for Cancer Prevention</i> , pp. 92-97
an	C26	Phung et al.: Role of Antioxidants in Inhibiting Hepatic Fibrosis in a Murine Nutritional Model of Nash, <i>Hepatology</i> , Vol. 32, No. 4 (Abstract only) publication date not provided
an	C27	West et al.: Proton translocation by cytochrome oxidase in (antimycin + myxothiazol)-treated rat liver mitochondria using ferrocyanide or hexammineruthenium as electron donor, <i>Biochemistry Journal</i> , Vol. 236, No. 1, pp. 15-21 (1986)
an	C28	Wilson et al.: Protection by Antioxidants Against Arterial Sclerosis of Chronic Choline-Deficiency, <i>Experimental and Molecular Pathology</i> , Vol. 21, pp. 118-122 (1974)
an	C29	Wydrzynski et al.: Selective Inhibition of Photosystem II Reactions from Water Splitting to Q Reduction in Thylakoid Samples by Lauroyl Choline Chloride: Evidence from Fluorescence Transient Measurements, <i>Advances in Photosynthesis Research</i> , Vol. 1, pp. 437-40 (1984)
EXAMINER	DATE CONSIDERED	



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## INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: INL-059

APPLICANTS: Shin et al.

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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
an	A1	4,734,184	10/26/1993	Hurley et al.	204	409	
an	A2	5,256,571	10/26/1993	Hurley et al.	436	17	
an	A3	5,705,482	01/06/1998	Christensen et al.	514	12	
an	A4	6,143,545	11/07/2000	Clausen et al.	435	198	
an	A5	6,200,947	03/13/2001	Takashima et al.	510	402	
an	A6	6,482,416	11/19/2002	Munn et al.	404	278	
an	A7	2003/0000833	01/02/2003	Mansouri et al.	204	402	

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
an	B1	649,396	02/28/1979	RU	A33K	1/14		NO	NO

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
an	C1	Dehlawi et al.: Choline Derivatives and Sodium Fluoride Protect Acetylcholinesterase against Irreversible Inhibition and Aging by DFP and Paraaxon, <i>Journal of Biochemical Toxicology</i> , Vol. 9, No. 5, pp. 261-268 (1994)							
an	C2	Ghoshal et al.: Prevention by Free Radical Scavenger AD <sub>3</sub> of Prooxidant Effects of Choline Deficiency, <i>Free Radical Biology &amp; Medicine</i> , Vol. 8, pp. 3-7 (1990)							
an	C3	Grattagliano et al.: Starvation Impairs Antioxidant Defense in Fatty Livers of Rats Fed A Choline-Deficient Diet <sup>1</sup> , <i>The Journal of Nutrition</i> , Vol. 130, No. 9, pp. 2131-2136							
an	C4	Hiramatsu et al.: Free radicals, lipid peroxidation, SOD activity, neurotransmitters and choline acetyltransferase activity in the aged rat brain, <i>Free Radicals and Aging</i> , pp. 213-218 1992							

EXAMINER

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DATE CONSIDERED

16 Sept. 2006